Figure 1 Active Information model
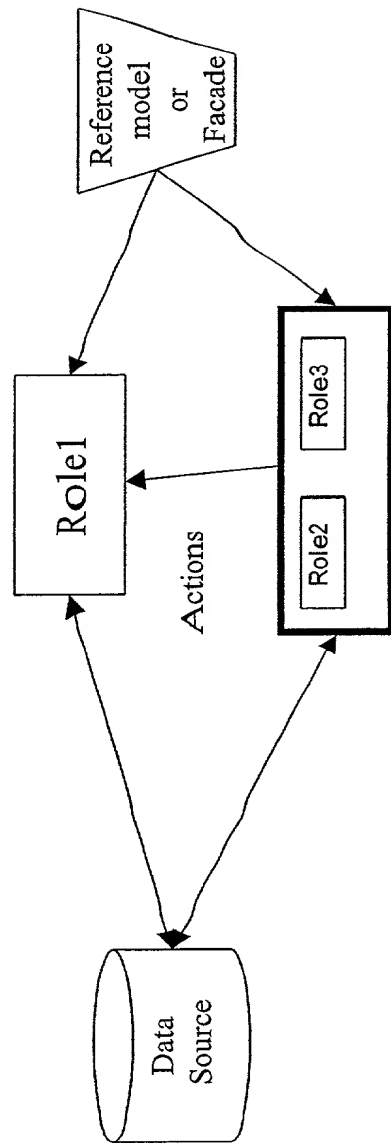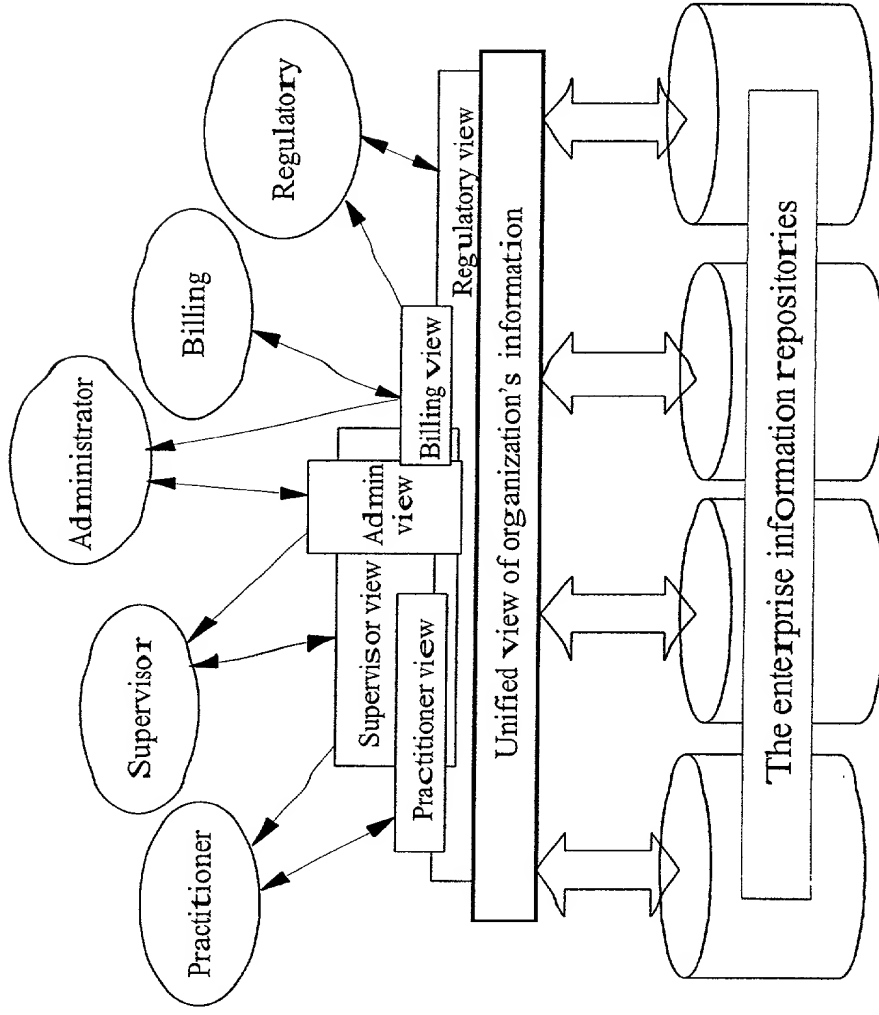
Figure 2. Defining a Role

Figure 3. Perspectives and Views of Information
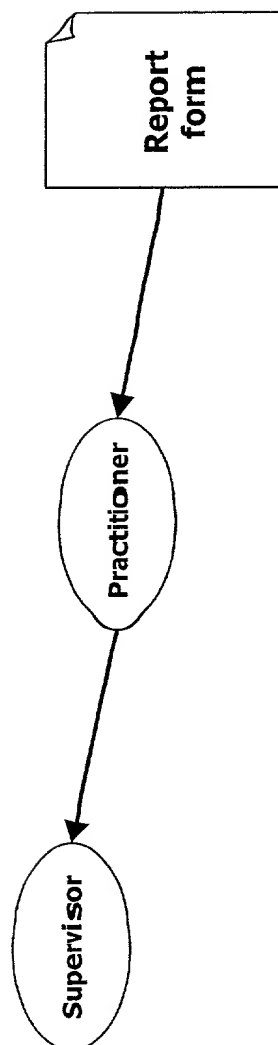
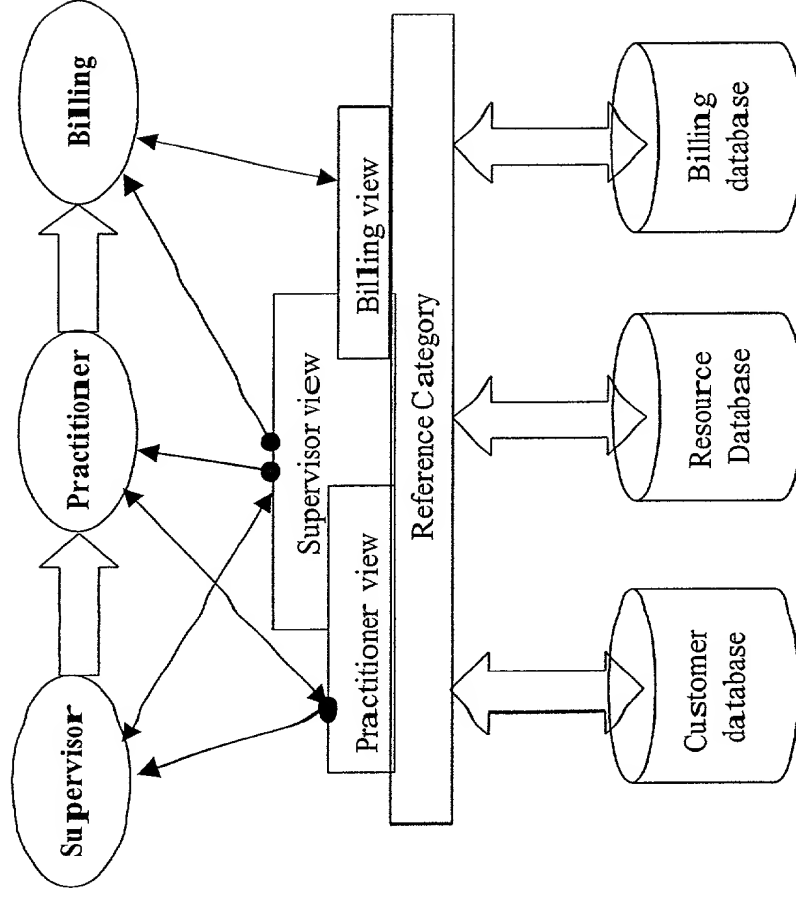*Figure 4. Data Sources viewed through roles*

Figure 5 Reference category
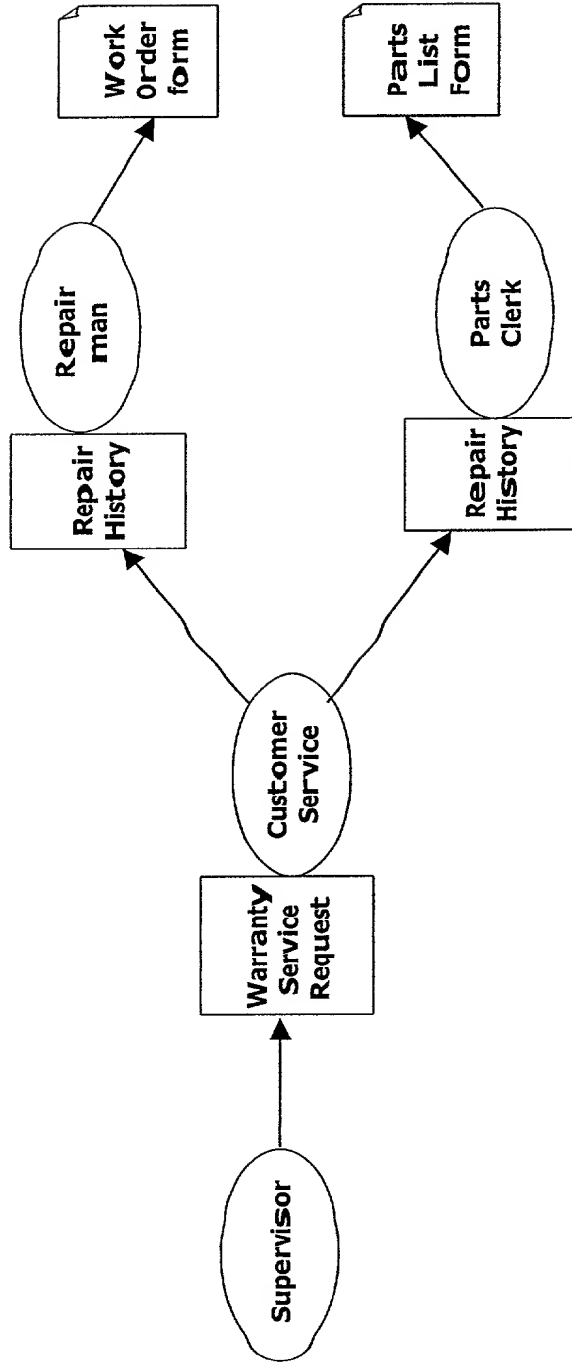
Figure 6. Facades
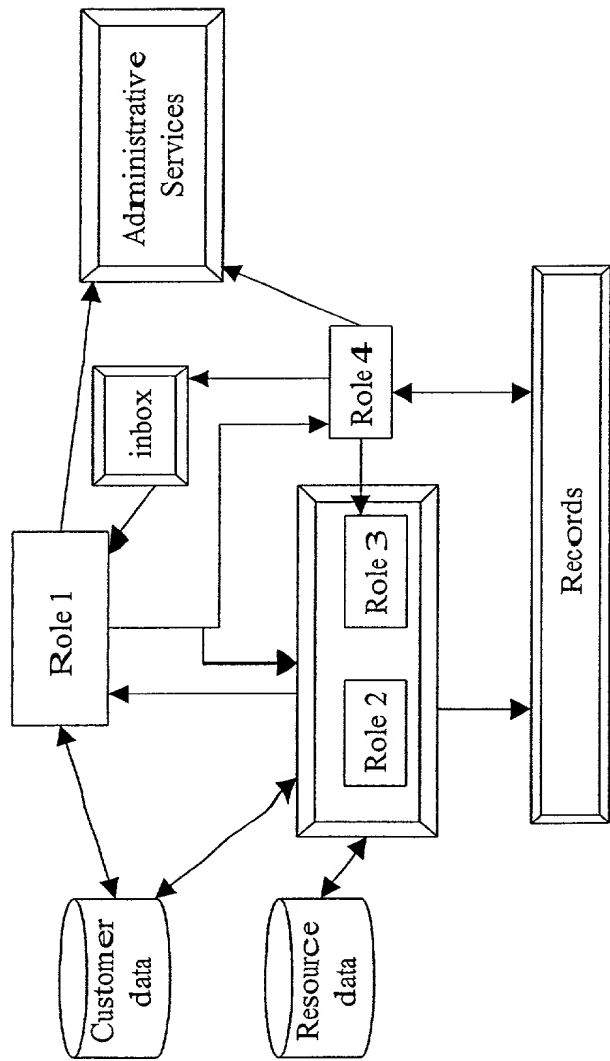
Figure 7. Beginnings of an Information Model

Figure 8. Access to Information is an attribute of Roles

ST1
mobile device

ST 2
local Workstation

ST 3
paper forms

ST1
Proxy

QA
Inbox

Service Tech.
(ST)

Product
Information

Supervisor

Customer
data

Resource
Availability

Figure 9 Users are autonomous members of the community
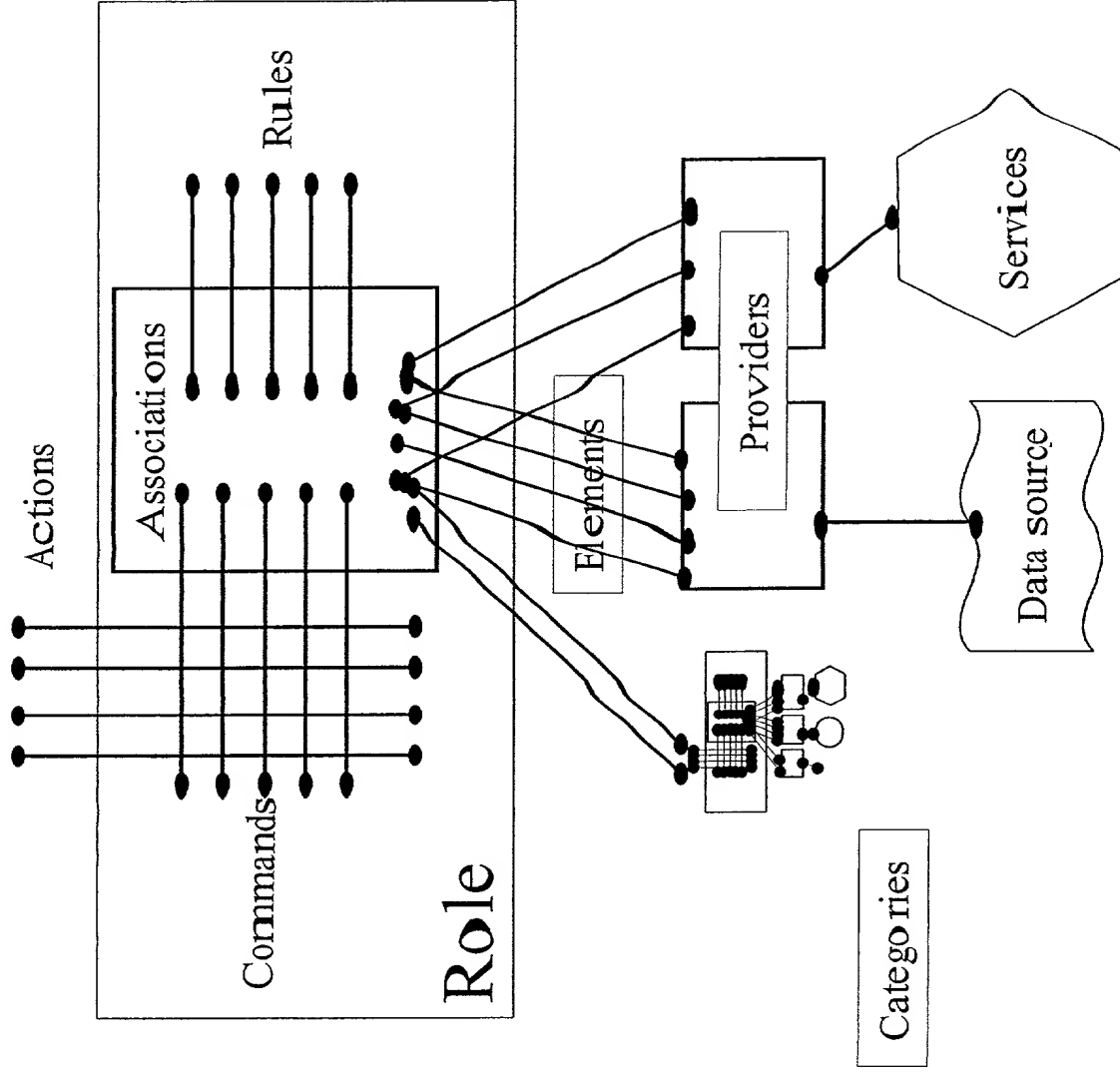
Figure 10 Active Agent Engine functions
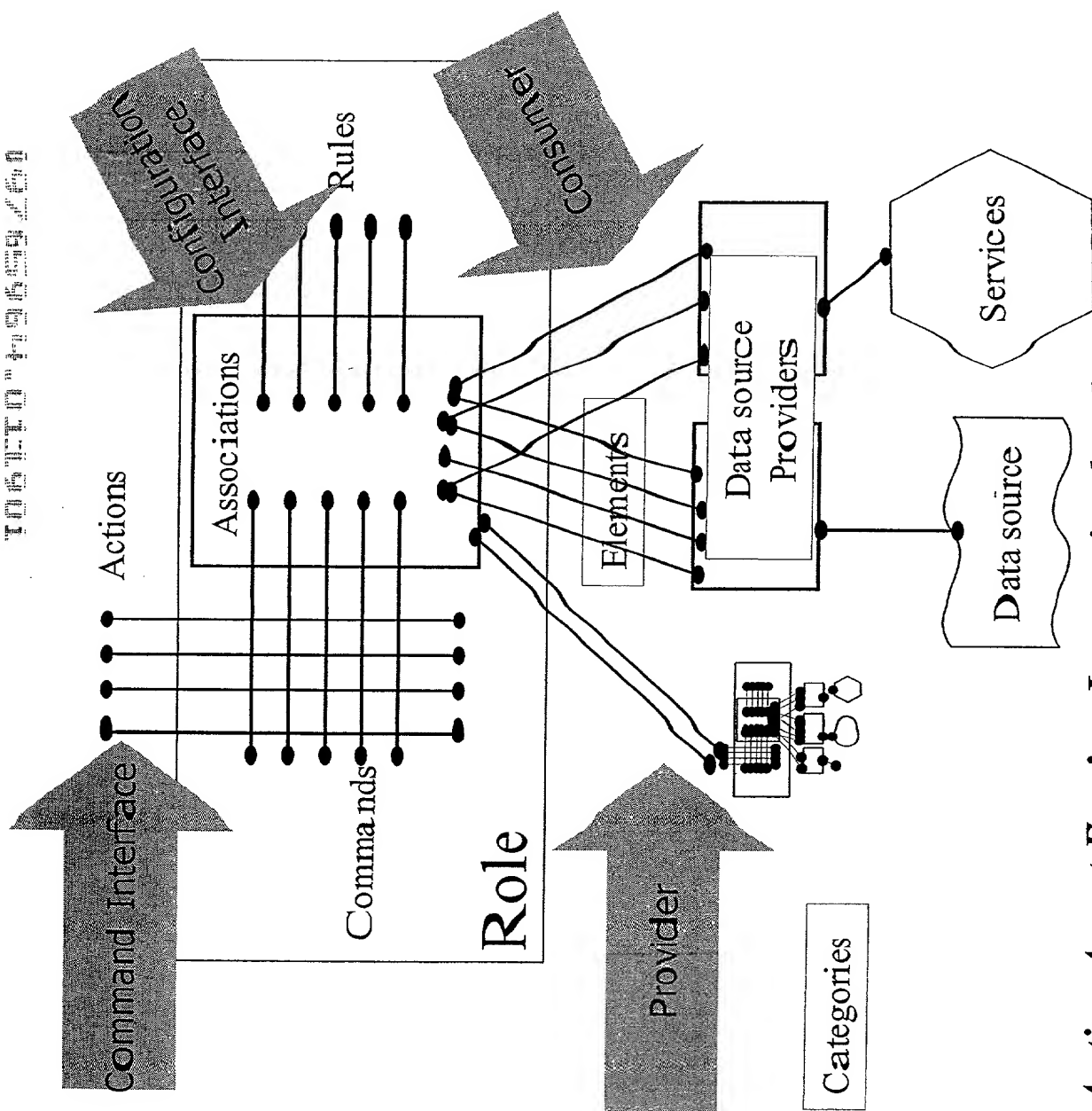
Figure 11 *Active Agent Engine Integration levels*

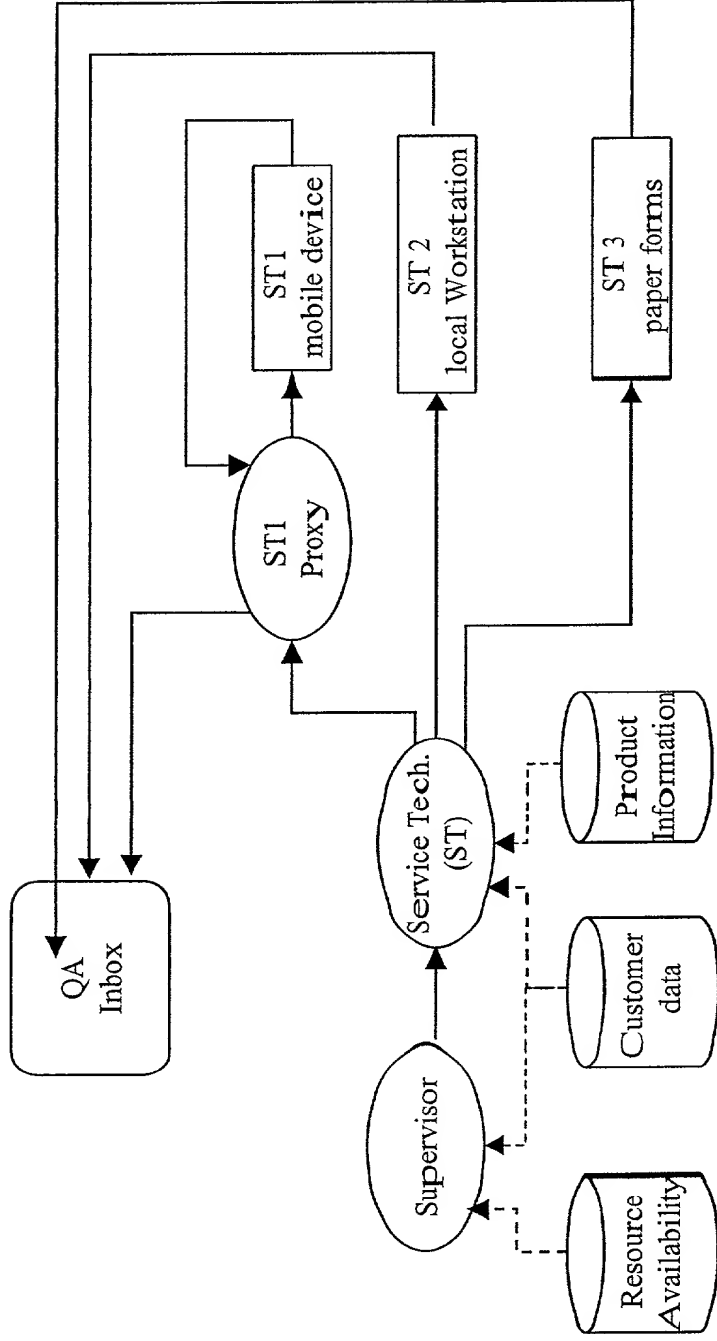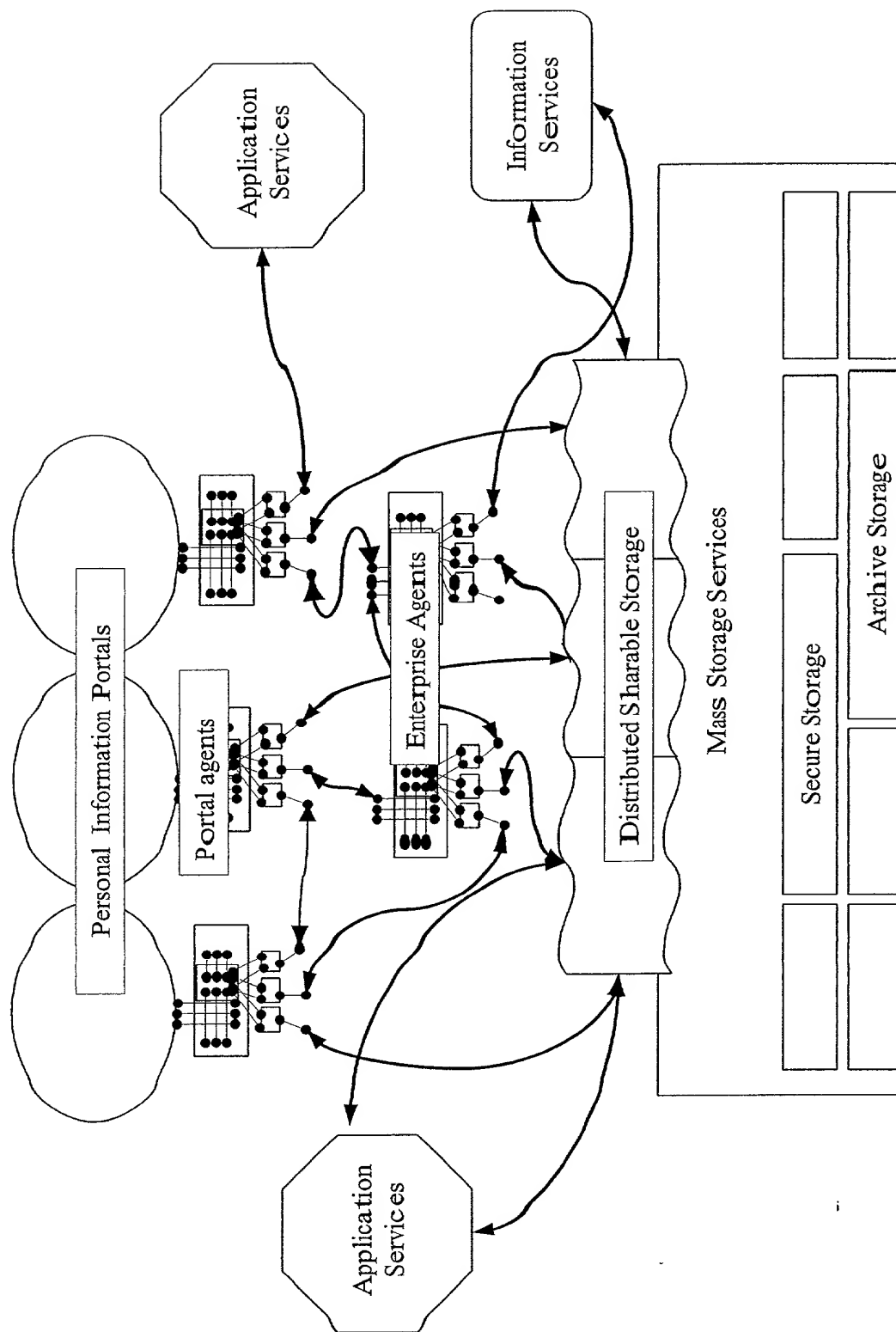*Figure 12.* *Implementing Personal Information Portals*

Appointments

trade

Commerce

Finance

Information Services

Personal
Information Portal

Personal
Information Portal

Information Agent

Sharable
storage

Personal
Information
Portal

Personal
Information
Portal

User

User

User
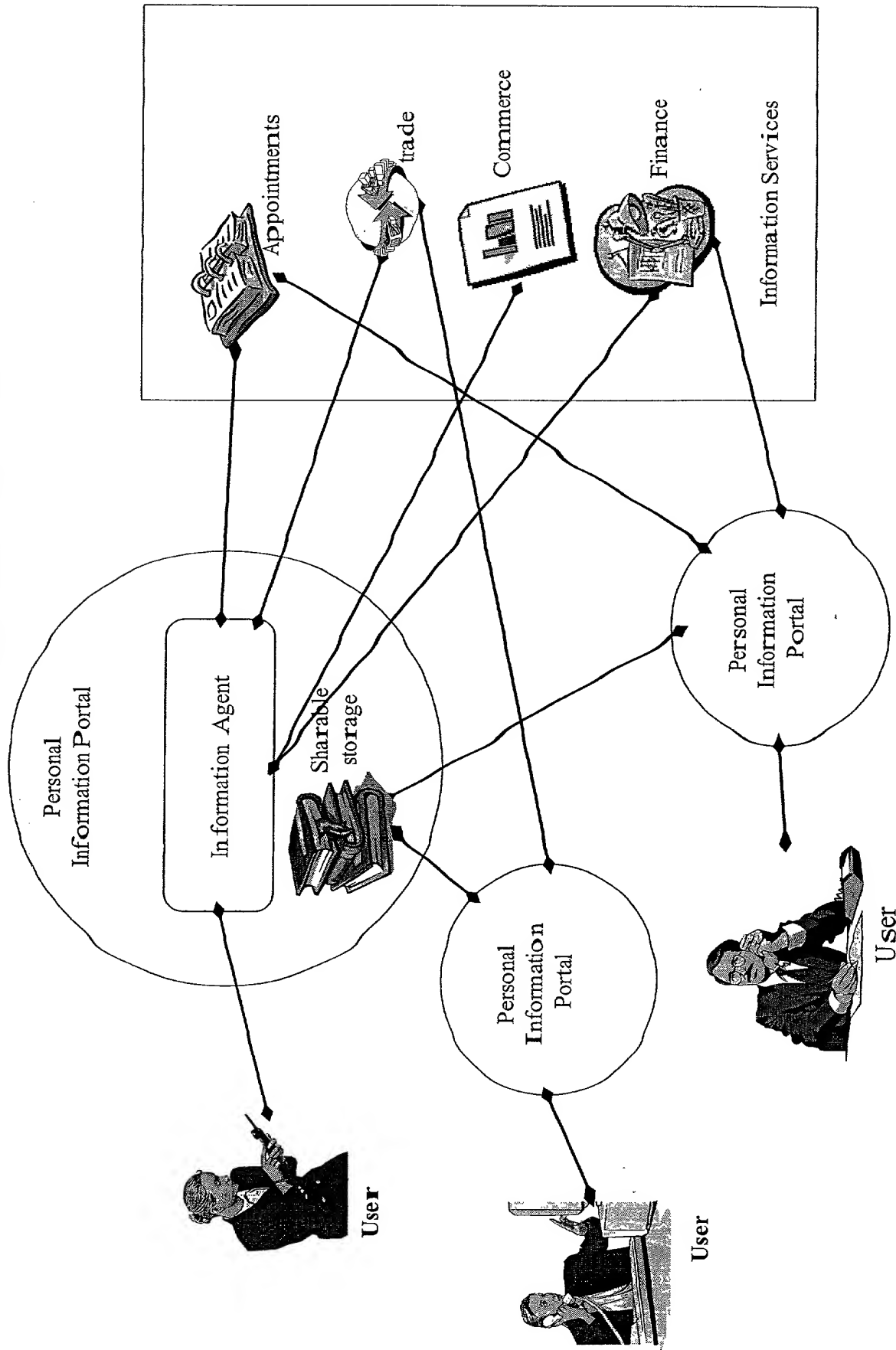
Figure 13 Using a Personal Information Portal

Appointments

Billing

Health Plan

Medical Records

Information Services

Personal Information Portal

Personal Information Portal

Personal Information Portal

Intake Coordinator

Registered Nurse

Hospital Administrator

Figure 14 Example: Personal Information Portal in Home Healthcare

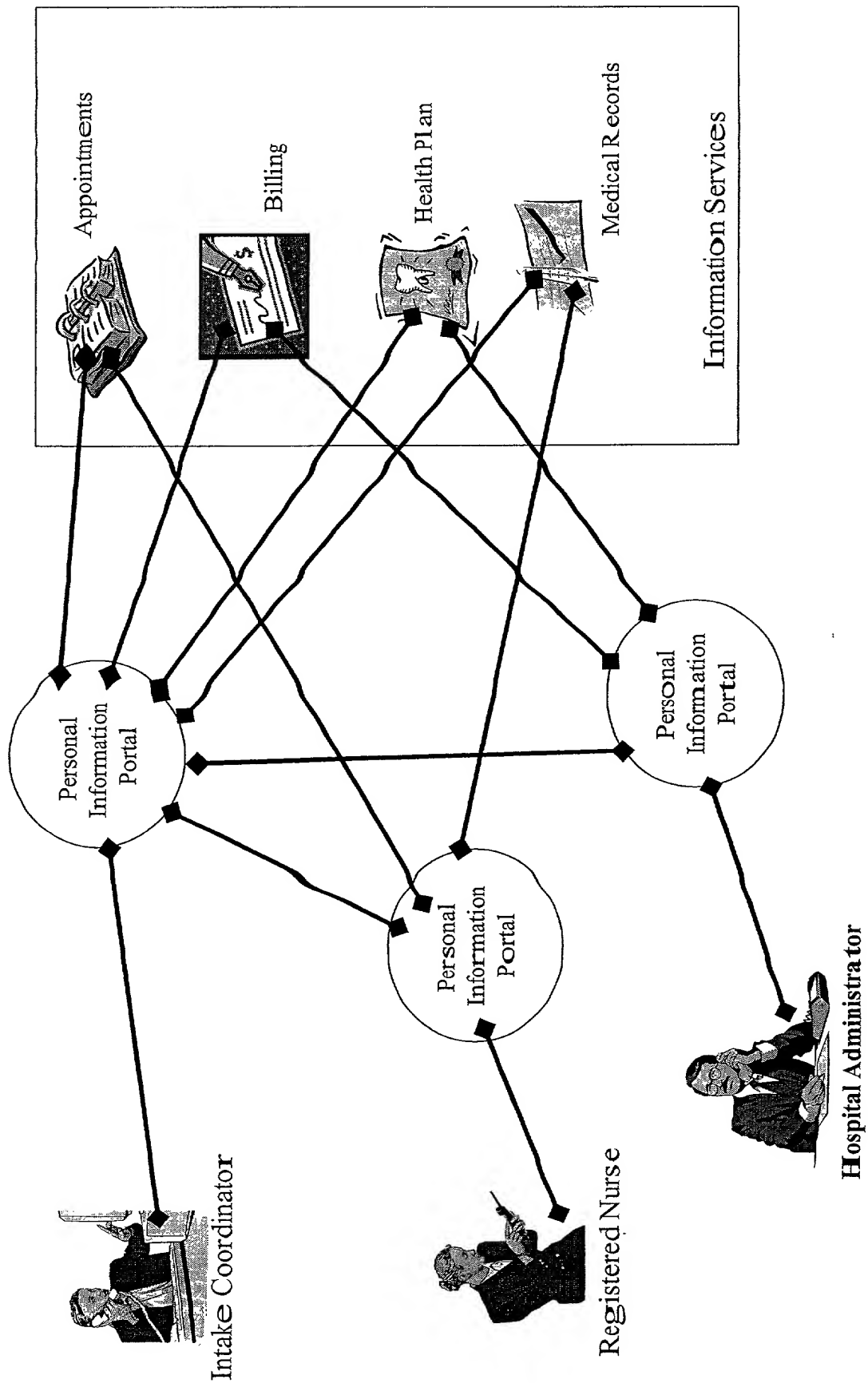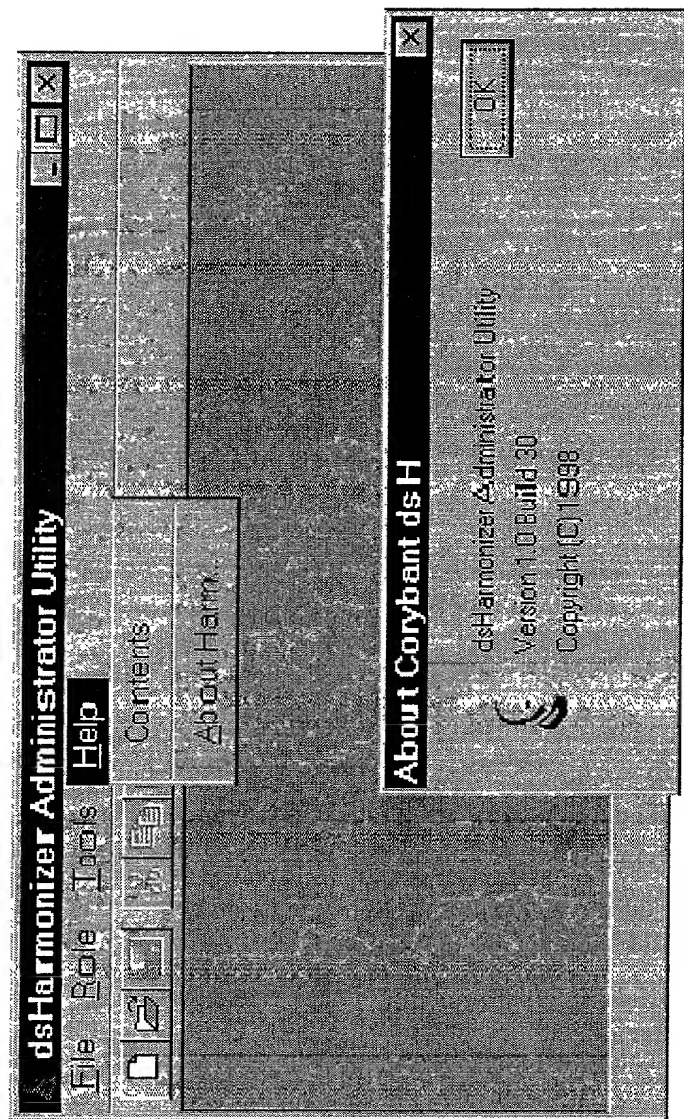*Figure 15 About box for the dsH™ Admin utility*
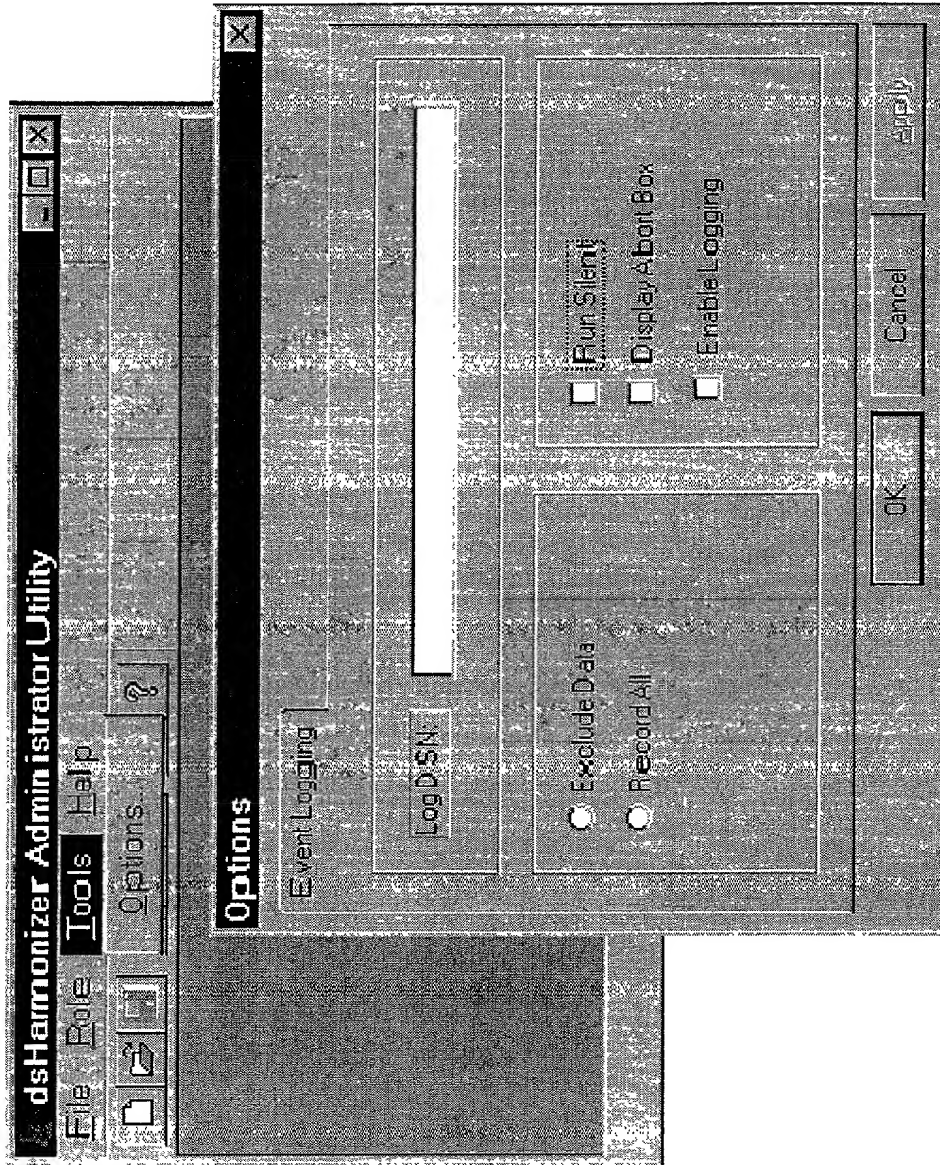
Figure 16. Event Logging option
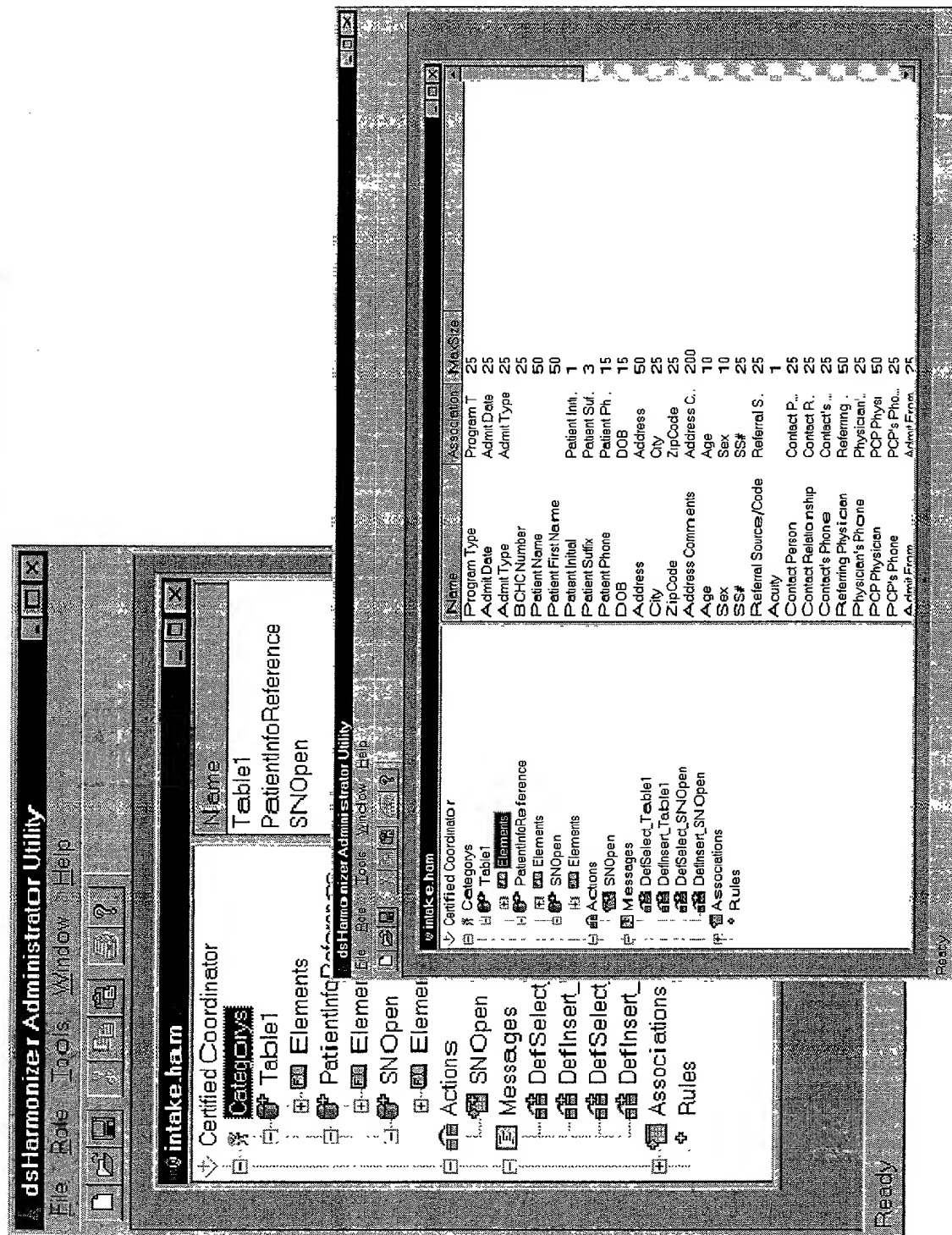
Figure 17. Navigation view
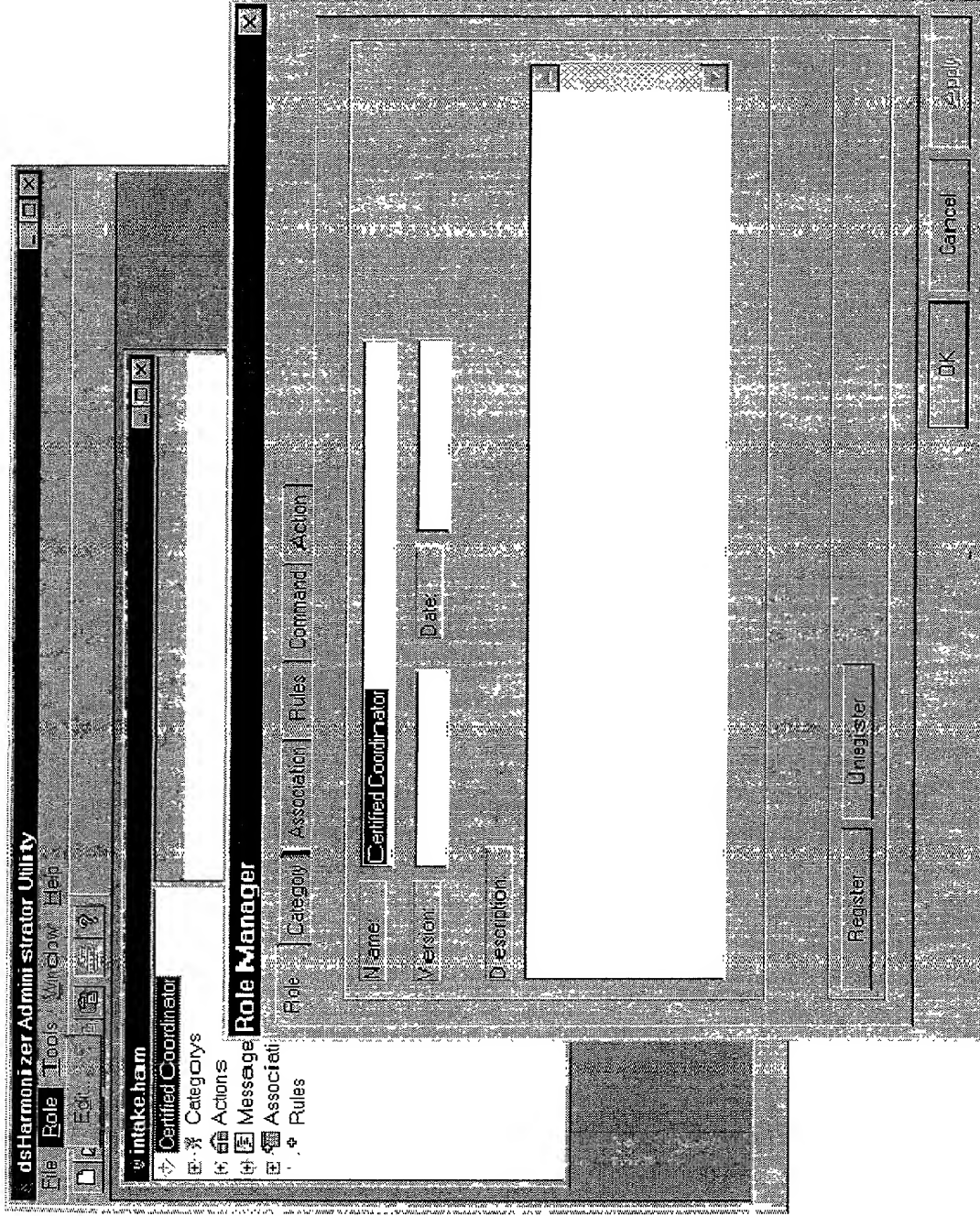
Figure 18. Edit view of a Role

dsHarmonizer Administrator Utility

File   Role   Edit   Tools   Window   Help

intake.ham
- Certified Coordinator
  - Categorys
  - Actions
  - Messages
  - Associations
  - Rules

Role Manager

Role | Category | Association | Rules | Command | Action

Name: Table1

☐ EMail Insert   ☐ Print Insert

Email

☐ Facade   ☐ Reference
☐ Visible   ☐ Disable Data Source

Description: Schema of MSDASQL.DLL PatientDB

DataSource

Data Source: PatientDB

Table: Table1

IniStr: Provider=MSDASQL.1;Data Source=PatientDB;Extended Properties="DSN=PatientDB;DBQ=C:\Program

Provider: MSDASQL.DLL

Set

Edit   Repair

NEW | TOP | NEXT | PREV | DEL | DEL ALL

OK   Cancel

Figure 19. Edit view of a Category within a Role

Figure 20. Edit View of Associations within a Role

dsHarmonizer Administrator Utility

File   Role   Tools   Window   Help

intake.ham

Certified Coordinator

Categorys
Actions
Messages
Associations
Rules

Role Manager

Role | Category | Association | Rules | Command | Action |

output = input2 , input1

Optional:
Required
Optional

Repetition:
Repetitive
Count

Delimiter
Parameter
Result

Delete
Cut
Insert

NEW   TOP   NEXT   PREV   DEL
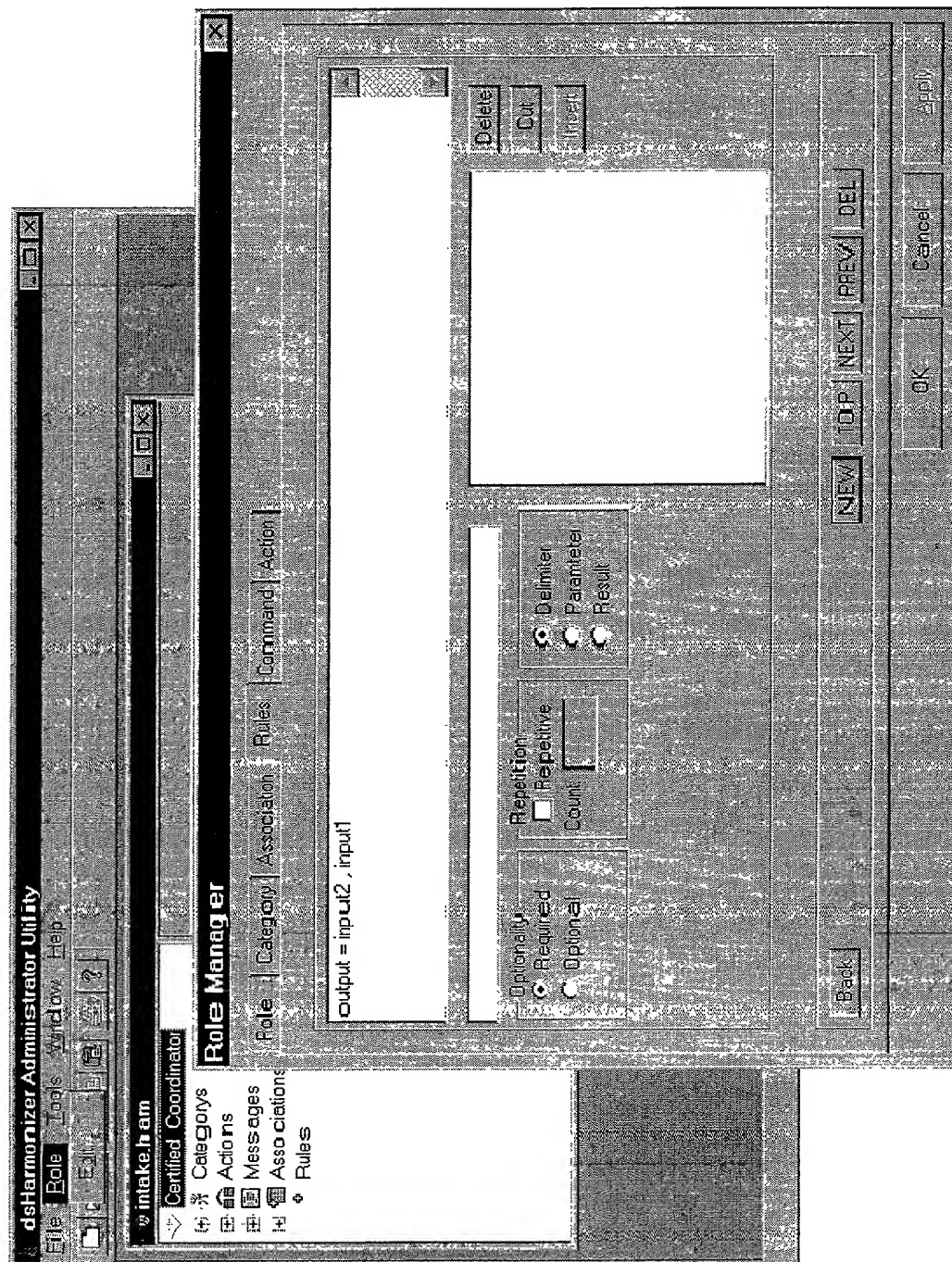
OK   Cancel   Apply

Back

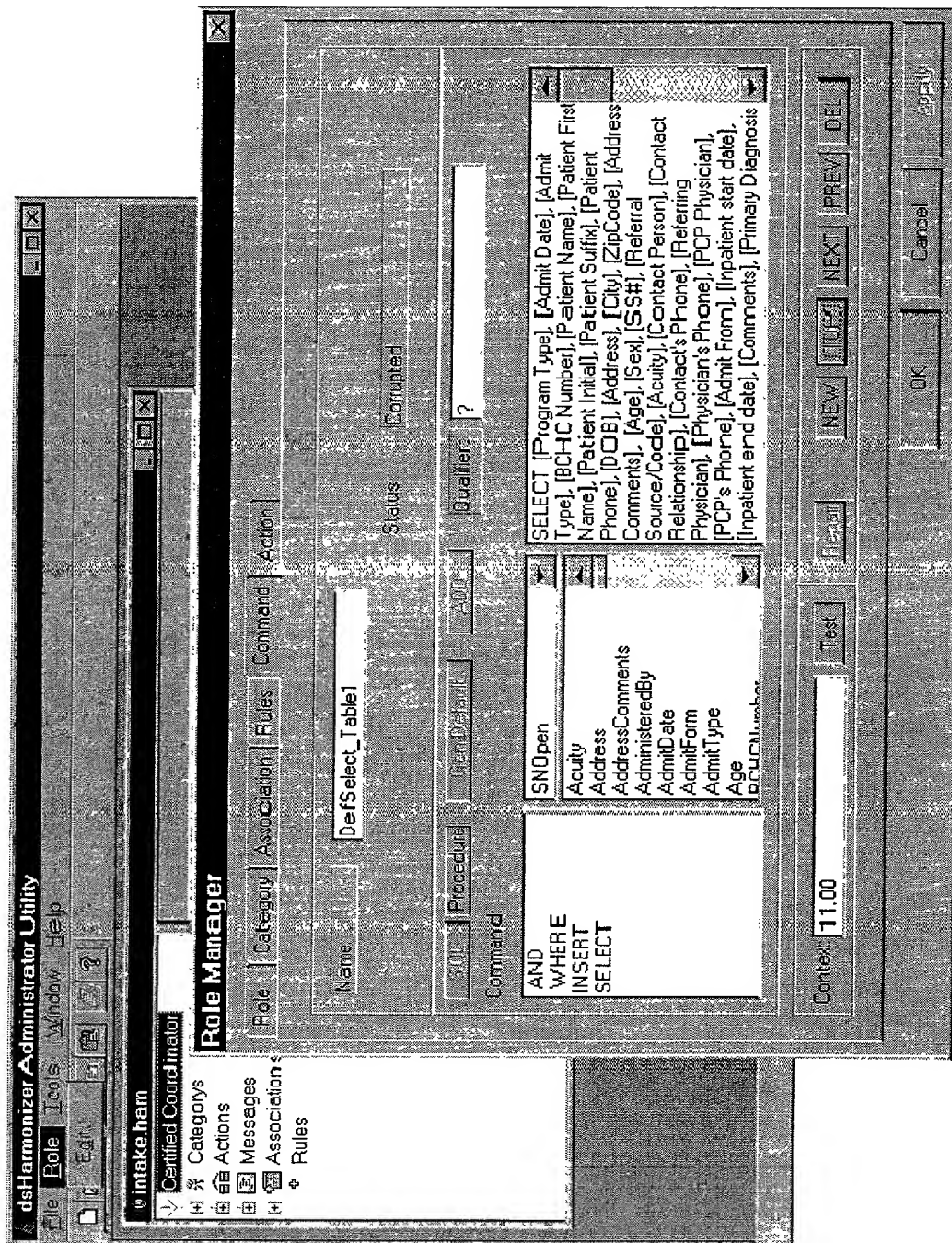*Figure 21. Edit View of Rules within a Role*

Figure 22. Edit view of Commands within a Role

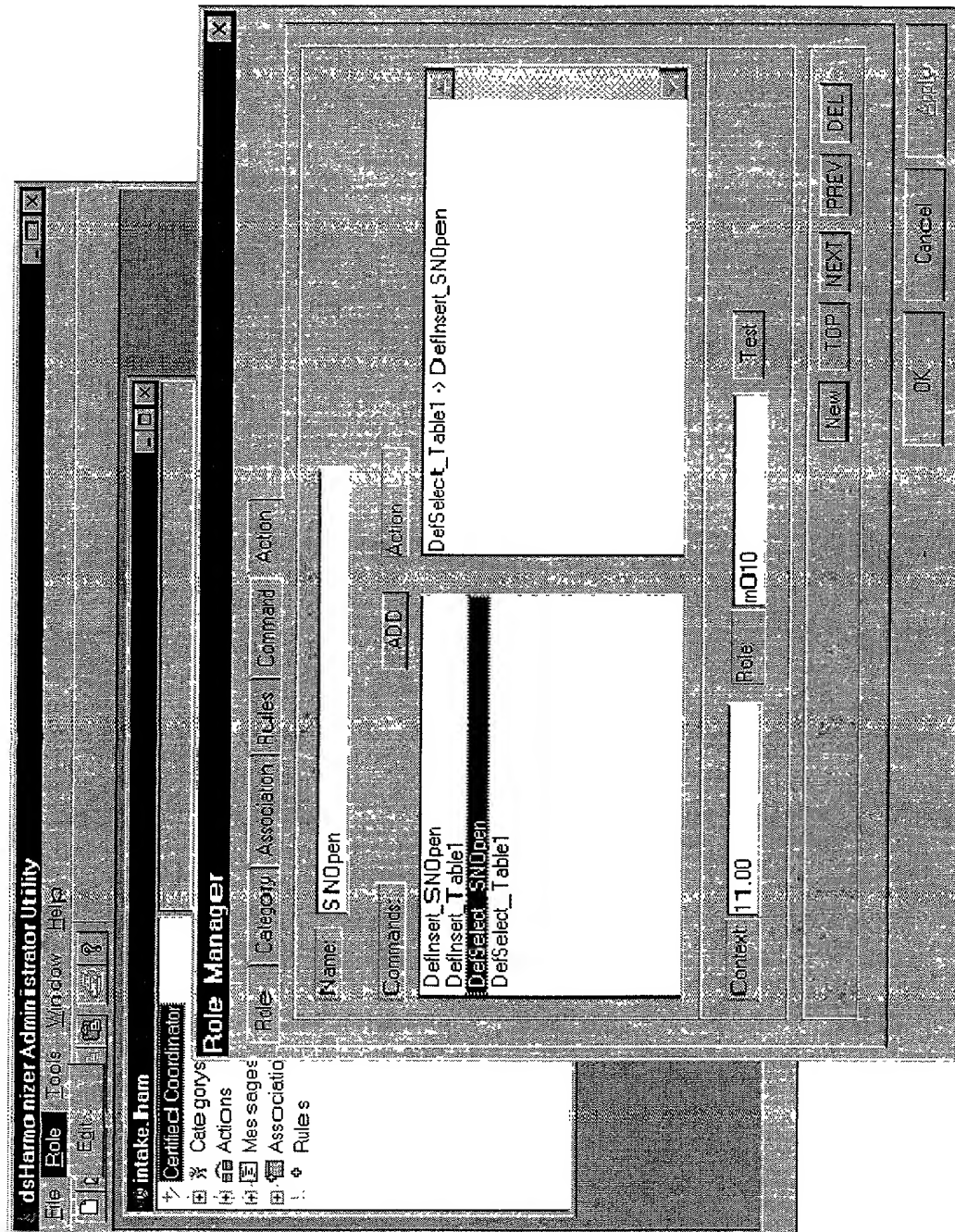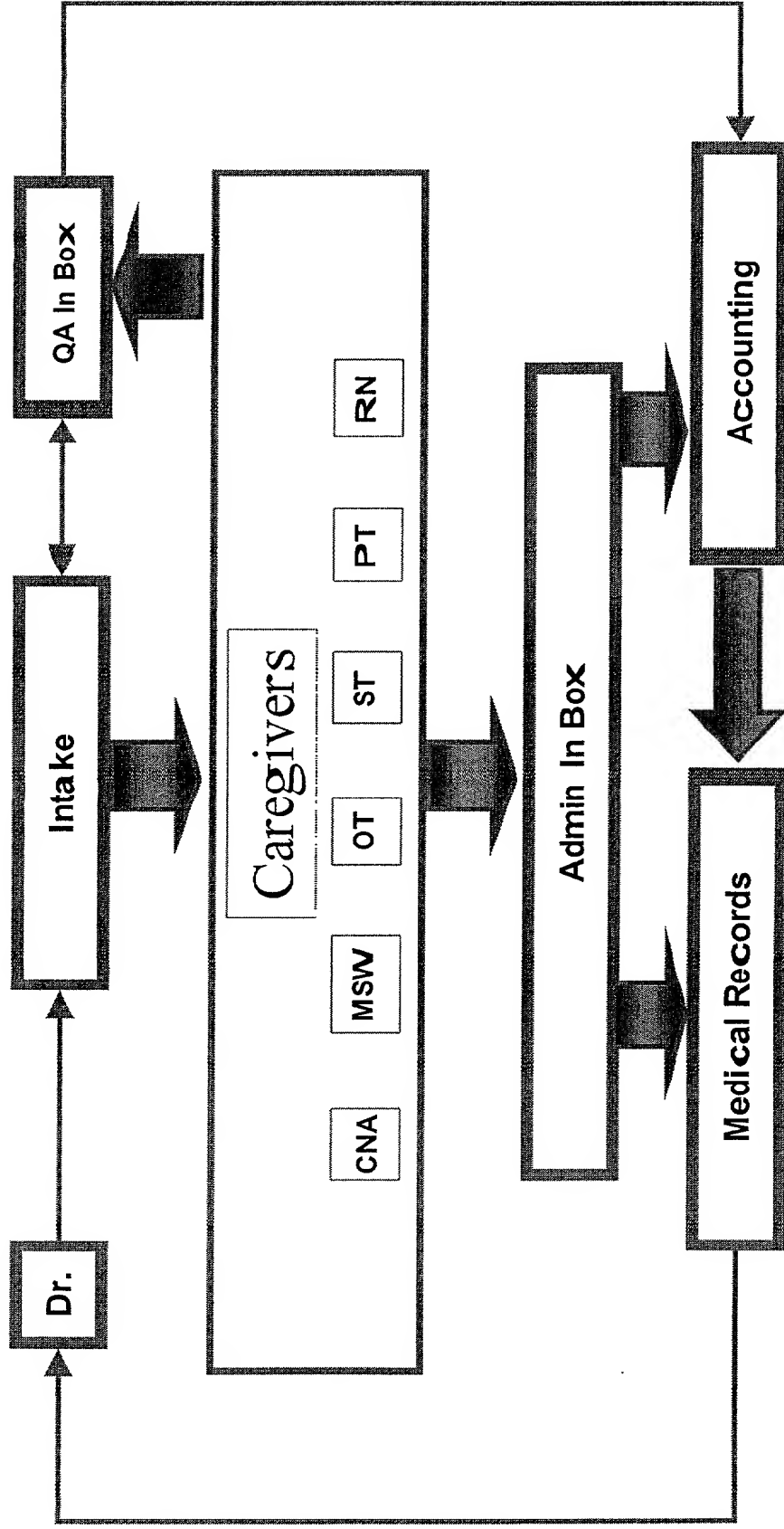*Figure 23. Edit view of Actions within a Role*

Figure 24.
Example: Organizational view of an Information system for HomeCare

Objective
Mission: Home Care

Policies governing allocation of
resources to development of
information system

Practical Considerations
Available technology

Equipment
&
Software

Automation planning
and maintenance of
existing systems

Requirements for each
phase of automation
process

Analytical Considerations
Need to automate
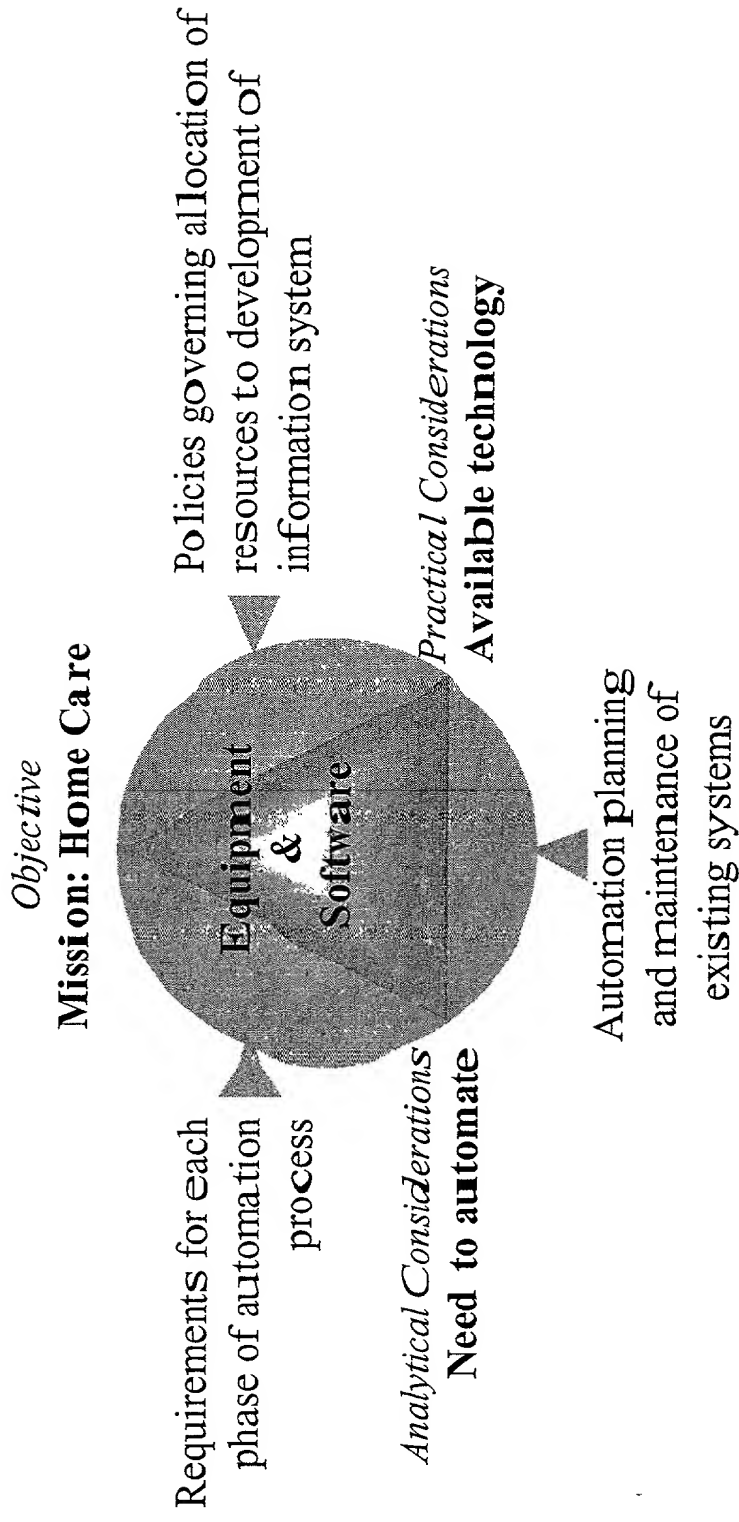
Figure 25.
Example: Decision support model reflecting technology considerations

Objective
Mission: Home Care

Policies governing allocation
of resources to information
management processes

Practical Considerations
Information Model

Continuous improvement
of information
management infrastructure

Continuous
improvement of
information
management practice

Analytical Considerations
**Need to improve
Information management**

Users

Figure 26.
Example: Decision support model reflecting business considerations

Figure 27.
Example: General Information flow
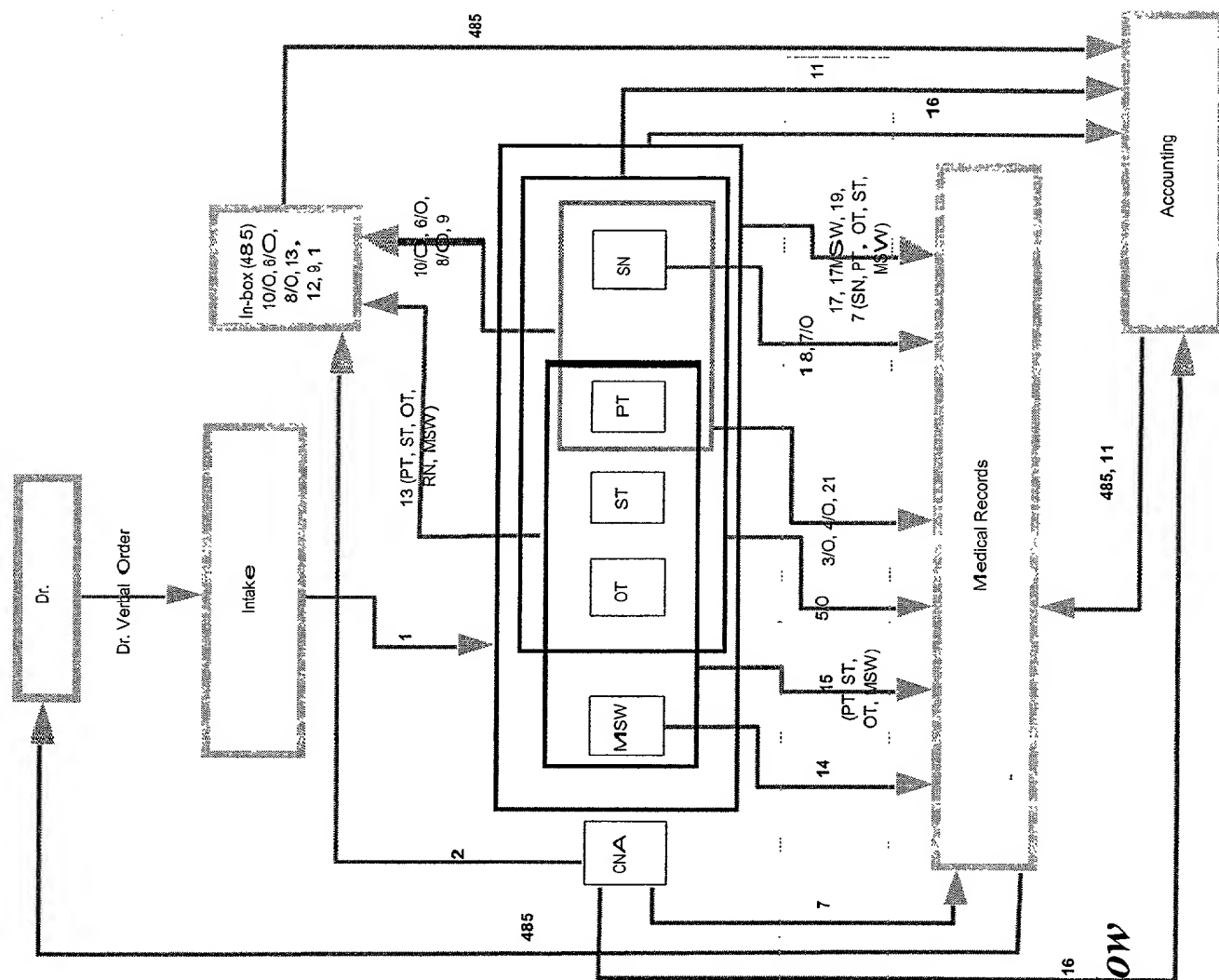
Reference ID	Description
1	Intake Form
2	Dr Verbal Order
3/O	Open Reimbursement form
4/O	Open Treatment of Consent
5/O	Open Financial Responsibility
6/O	Open Oasis Form
7/O	Open Progress notes 2nd page only
7SN	Daily Progress notes Skilled Nursing
7PT	Daily Progress notes Physical Therapy
7ST	Daily Progress notes Speech Therapy
7OT	Daily Progress notes Occupational Therapy
7MSW	Daily Progress notes Social Worker
7CNA	Daily Progress notes Certified Home Health Aid
8/O	Open 485
9	Med sheet side affects
10/O	Medication list
11	Discharge Summary
12	CNA Plan of Care
13PT	Plan of Care Physical Therapy
13ST	Plan of Care Speech Therapy
13OT	Plan of Care Occupational Therapy
13MSW	Plan of Care Social Worker
14	MSW Plan of Care Social Worker
15PT	Initial Eval Physical Therapy
15ST	Initial Eval Speech Therapy
15OT	Initial Eval Occupational Therapy
15MSW	Initial Evaul Social Worker
16	Activity Sheet
17MSW	MSW orders
17	Interim physician's orders
18	CNA Supervisory
19	Misc. communication form
20	Revisit Form
21	Transfer Summary

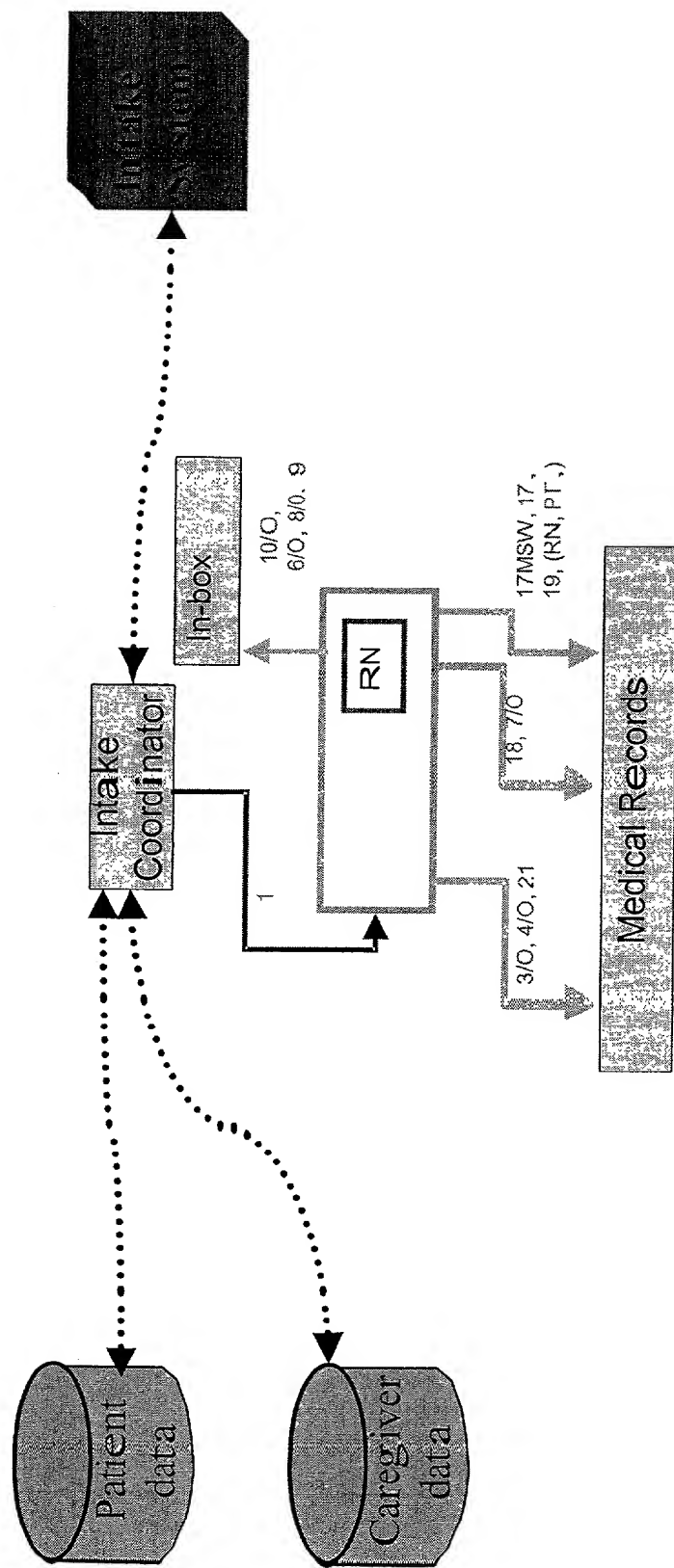*Table 1.*   *Example: Summary of forms identified in Figure 27*

Figure 28.
Example: A Measurable Subset of the Organization

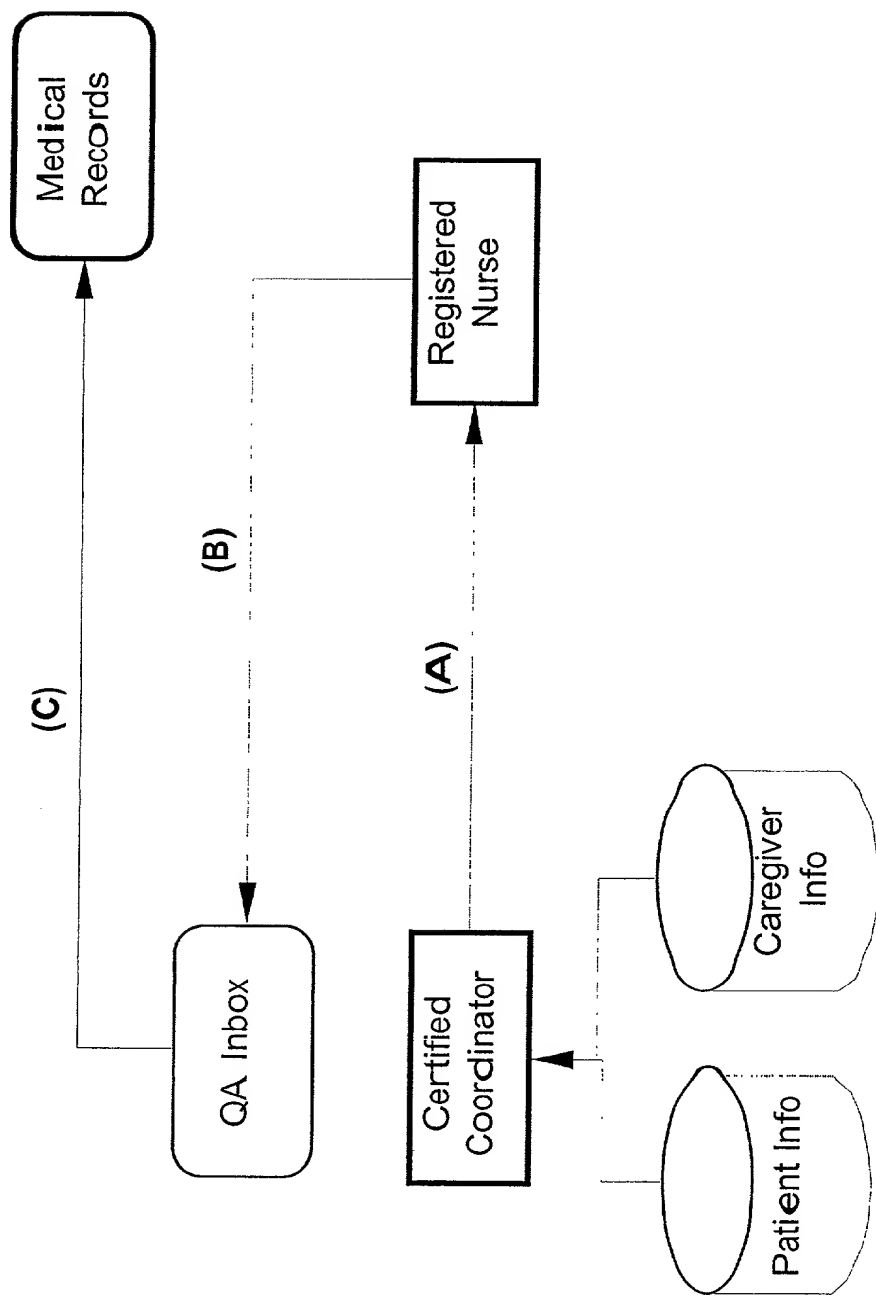| Roles	Certified Coordinator, Registered Nurse
Categories	Patient information, Caregiver information, QA Inbasket, Medical records
Messages	Email, printout, fax
Actions	SNOpen,

Table 2.
Example: Attributes of the Measurable Subset

Medical
Records

Registered
Nurse

QA Inbox

(B)

(A)

(C)

Certified
Coordinator

Caregiver
Info

Patient Info

Figure 29.
Example: QA function explicitly identified
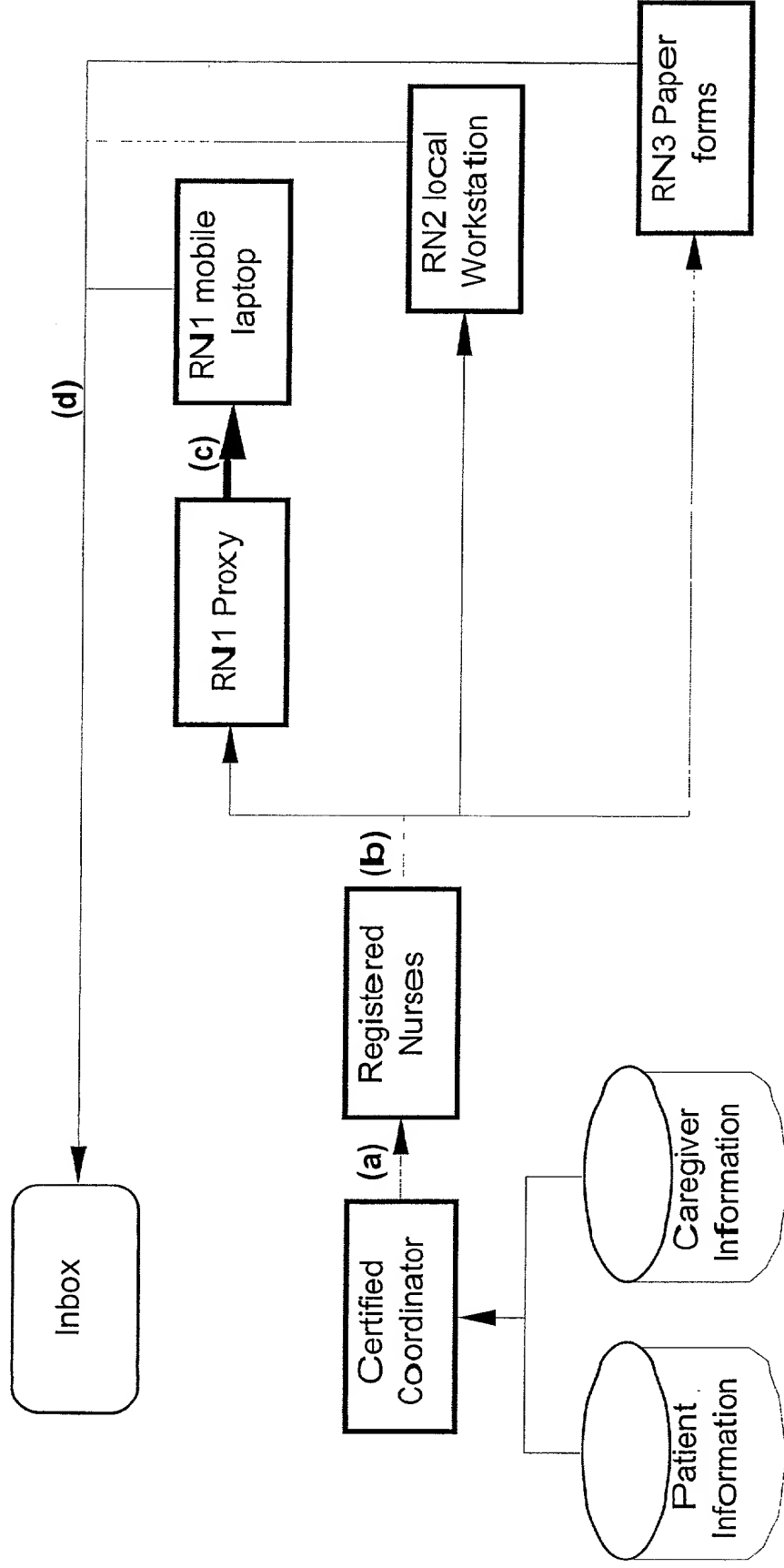
Figure 30.
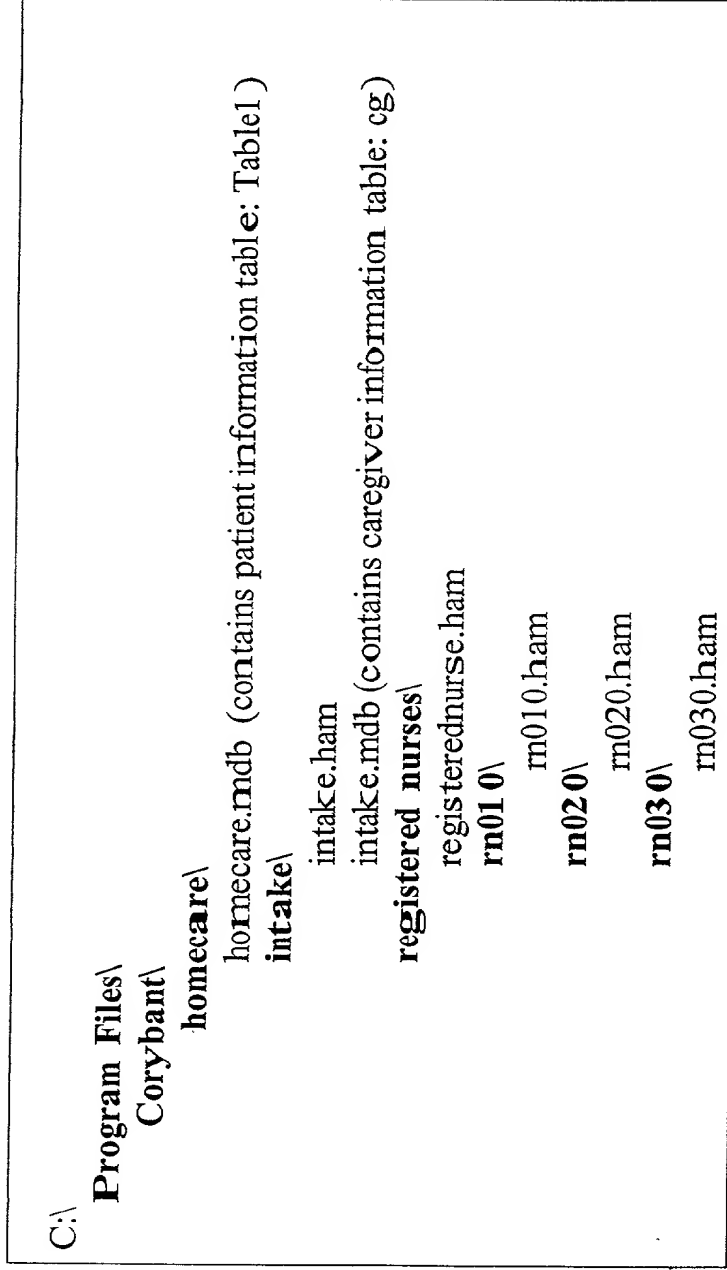Example: Using generic Roles and proxy Roles

Figure 31.
Example: Implementation of SN OPEN

Appointments

Billing

Health Plan

Medical Records

Information

Services

Personal Information Portal

Personal Information Portal

Personal Information Portal

Intake Coordinator

Registered Nurse

Hospital Administrator
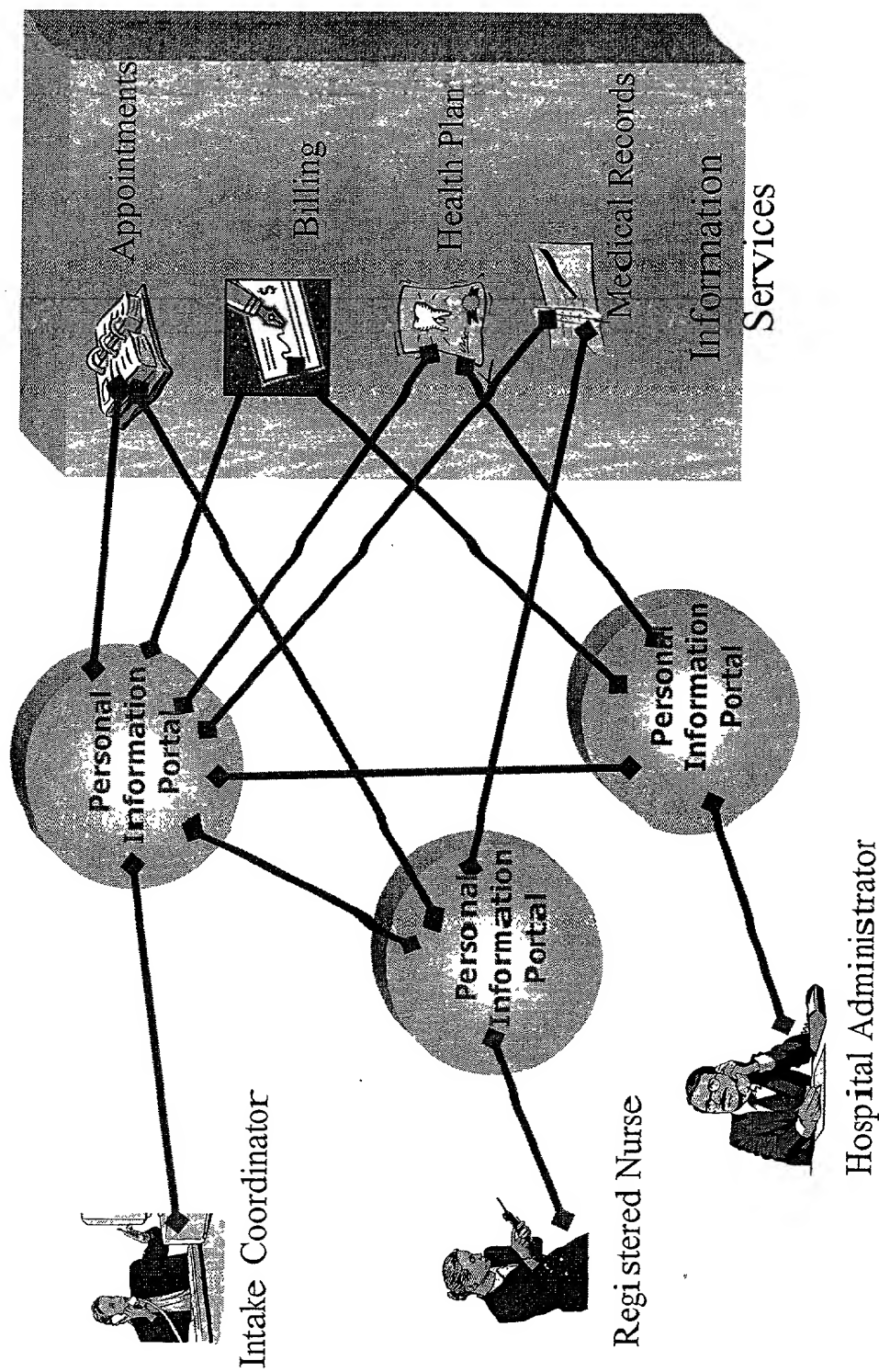
Figure 32.
Example: Practical deployment

```
C:\
 Program Files\
  Corybant\
   homecare\
    homecare.mdb (contains patient information table: Table1)
    intake\
     intake.ham
     intake.mdb (contains caregiver information table: cg)
    registered nurses\
     registerednurse.ham
     rn010\
      rn010.ham
     rn020\
      rn020.ham
     rn030\
      rn030.ham
```

Figure 33.
Example: Directory Structure
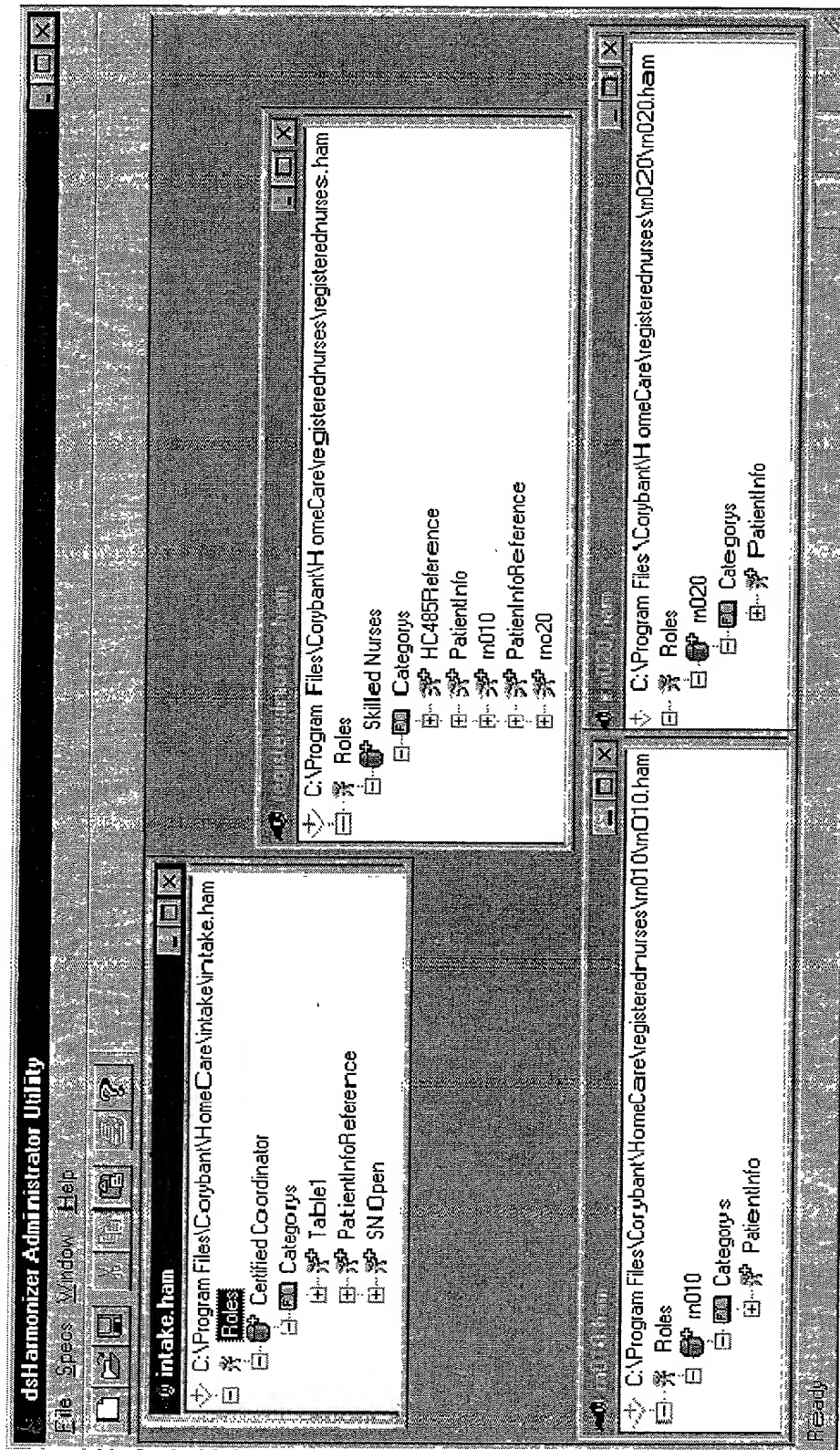
Figure 34.
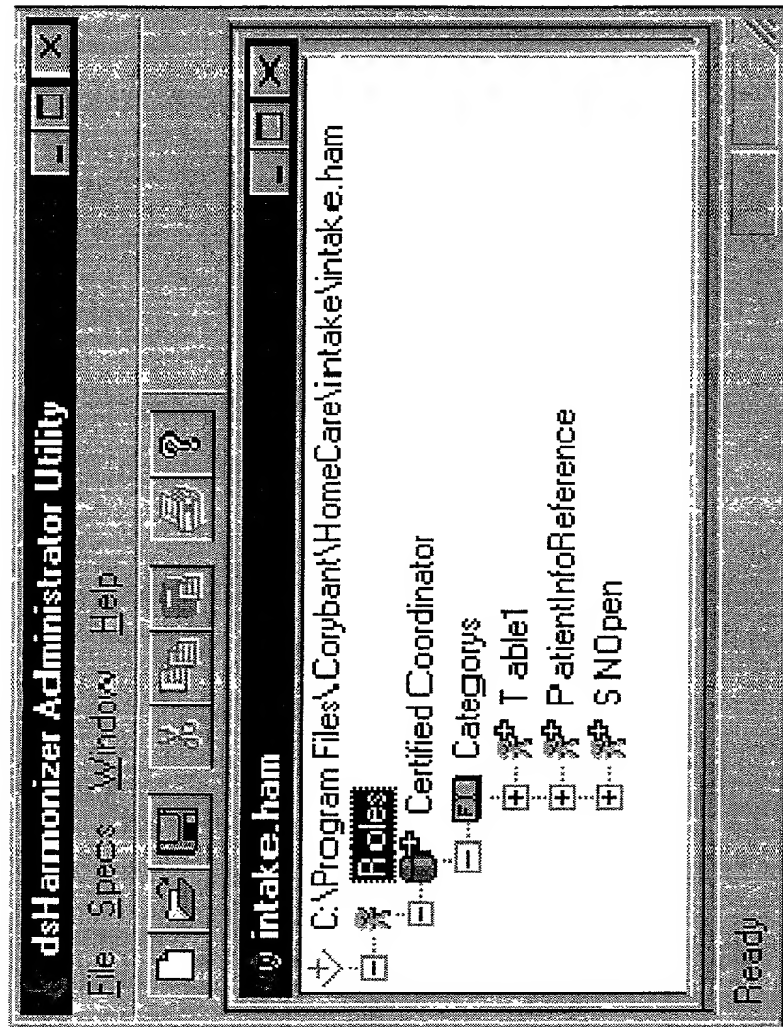*Example: Role Configuration Model for the local network*

Figure 35.
Example: Role Configuration model for Certified Coordinator
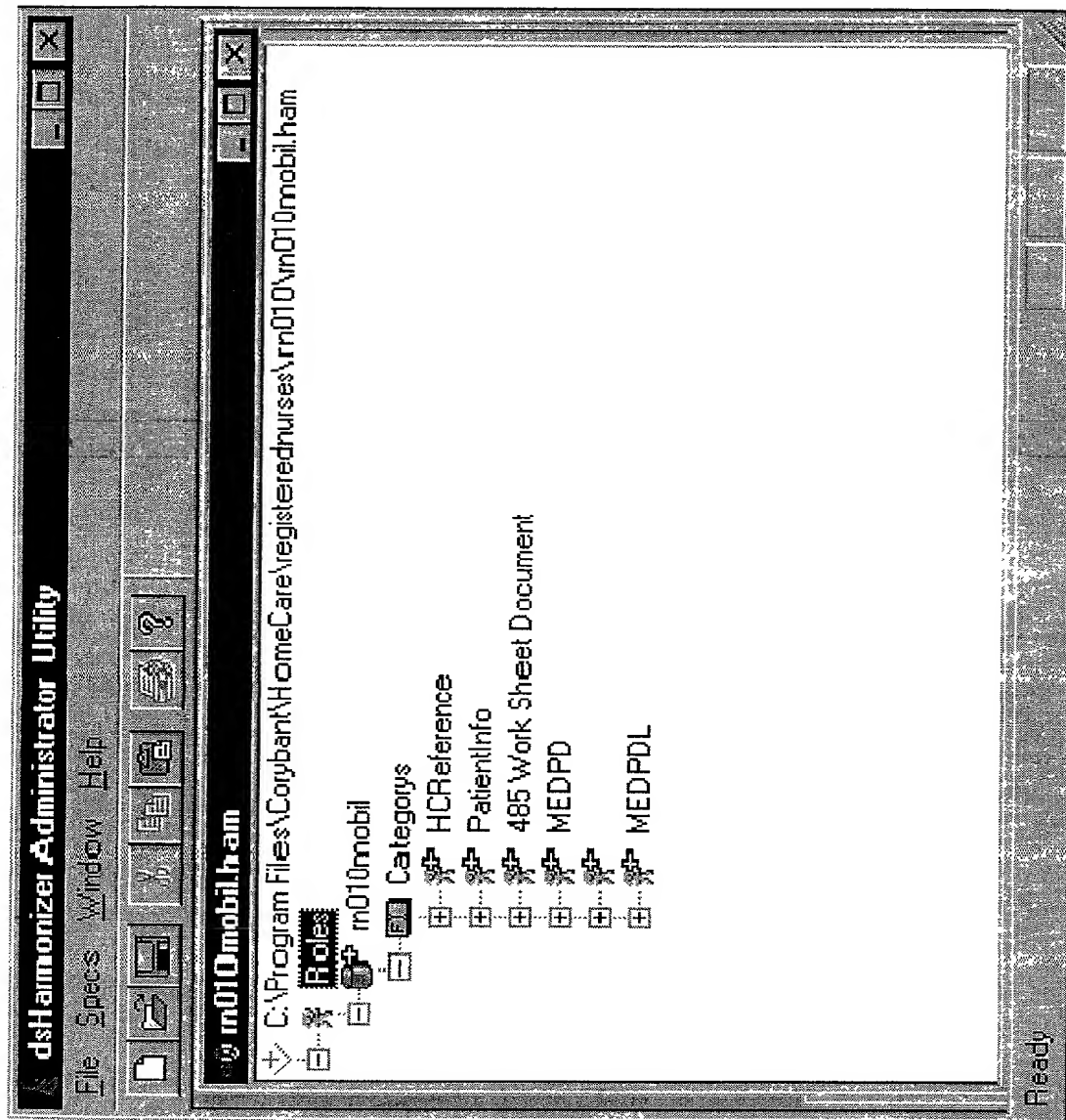
Figure 36.
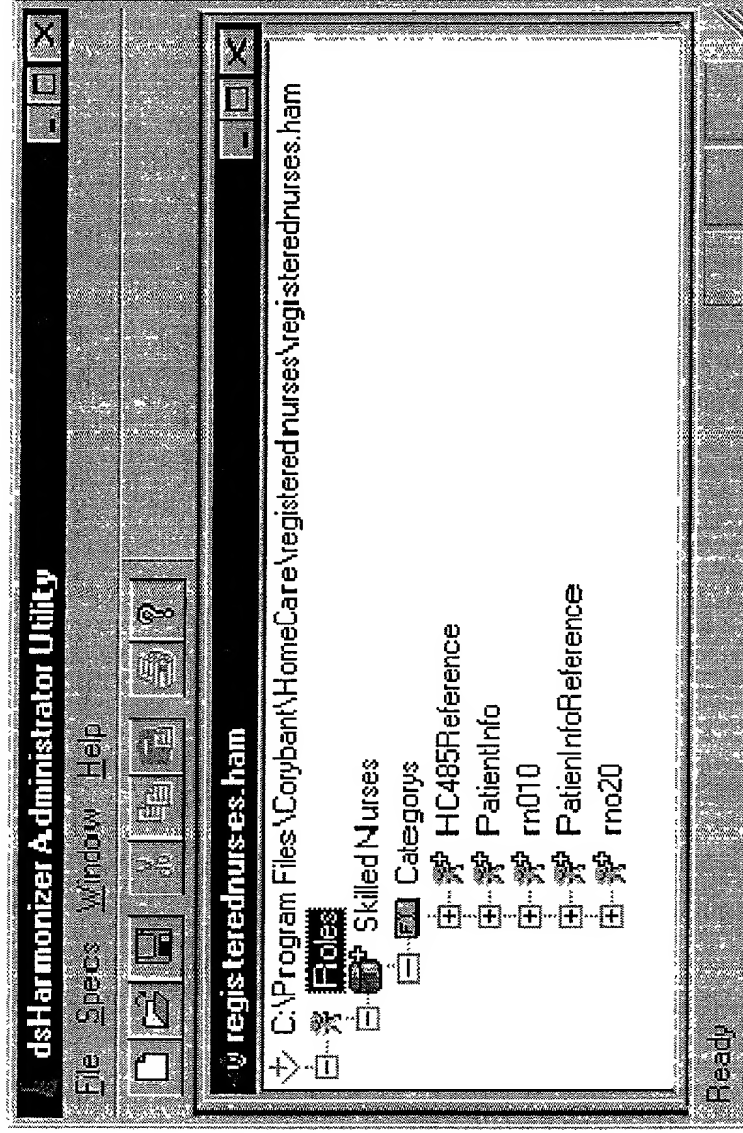*Example: Role Configuration Model for mobile caregiver*

Figure 37.
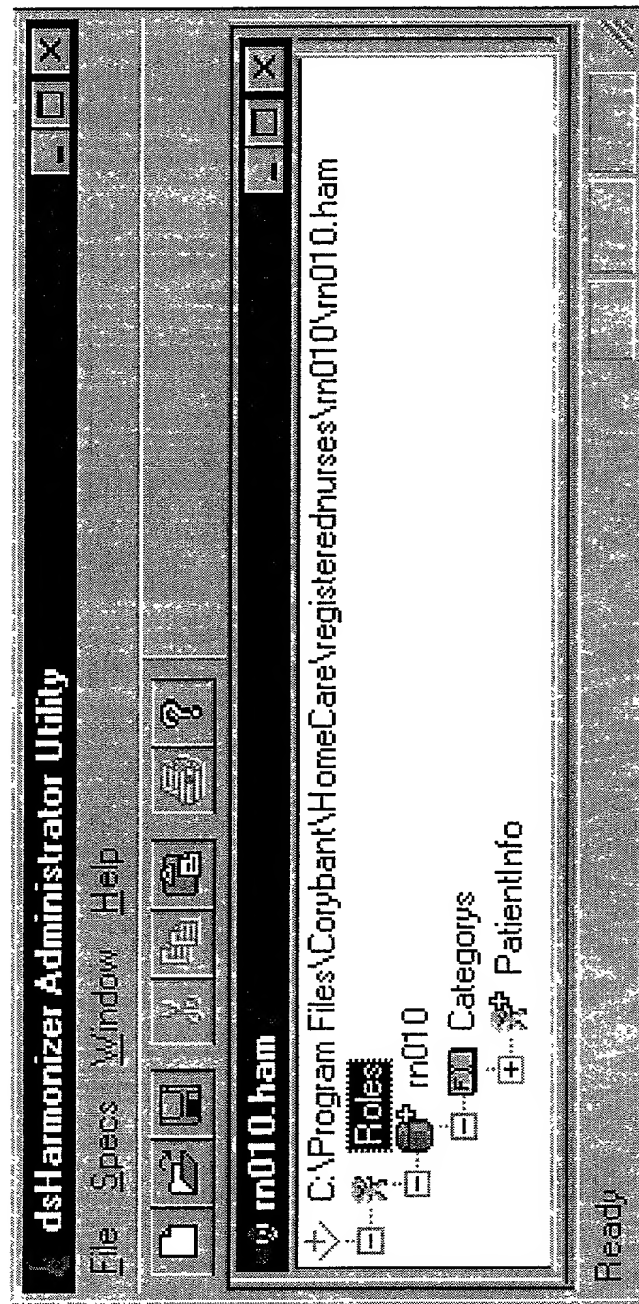Example: Role Configuration Model for Skilled Nurses (Generic)

Figure 38.
Example: Role Configuration Model for a mobile RN role.